IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

09/943,925

Confirmation No. 2226

Applicant (s)

Robert J. Donald et al

Filed TC/A.U. August 31, 2001

Examiner

1711

Jeffrey Mullis

Title

COMPOSITIONS COMPRISING HYDROGENATED BLOCK

COPOLYMERS AND END-USE APPLICATIONS THEREOF

Docket No.

44653A

Customer No.

00109

CERTIFICATION OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILS TRANSMITTED TO THE U.S.

September 16, 2003

DATE OF DEPOSIT

Stephanie S. Potts

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

TERMINAL DISCLAIMER

The undersigned registered patent attorney or agent states that:

- (1) The undersigned is an attorney or agent of record in Application Serial No. 09/943,925, filed on August 31, 2001, for "COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS THEREOF" (the Present Application).
- **(2)** The undersigned has reviewed the evidentiary assignment documents and, to his best knowledge and belief, Dow Global Technologies Inc., a Delaware corporation, is the sole and common assignee of the following patent properties:

Appln. No. 09/943,925
Terminal Disclaimer dated September 12, 2003
Reply to Office Action of June 11, 2003

/ to	Office A	ction of June 11, 2003
	(a)	The Present Application:
		[] The original documents are recorded at reel, frame
		[X] The original documents have been submitted to Assignment Branch for
		recording. A copy of the assignment document(s) is submitted with this
		Disclaimer.
	(b)	U.S. Patent No. 6,350,820:
		[X] The original documents are recorded at reel 12269, frame 0001 and
		<u>0165</u> .
		[The original documents have been submitted to Assignment Branch for
		recording. A copy of the assignment document(s) is submitted with this
		Disclaimer.
	(c)	U.S. Patent No. 6,426,390:
		[X] The original documents are recorded at reel 12996 and 12997, frame
		0903 and 0773.
		[] The original documents have been submitted to Assignment Branch for
		recording. A copy of the assignment document(s) is submitted with this
		Disclaimer.
	(d)	U.S. Patent No. 6,376,621:
		[X] The original documents are recorded at reel 12571, frame 0139.
		[The original documents have been submitted to Assignment Branch for
		recording. A copy of the assignment document(s) is submitted with this
		Disclaimer.
	On bel	half of the assignee, the undersigned disclaims the terminal part of any patent
	grante	d on the Present Application which would extend beyond the full statutory
	term o	f U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 and hereby agrees that

On behalf of the assignee, the undersigned disclaims the terminal part of any patent granted on the Present Application which would extend beyond the full statutory term of U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621. This agreement runs with any patent granted on the Present Application and is binding upon the grantee, its successors or assigns.

Appln. No. 09/943,925 Terminal Disclaimer dated September 12, 2003 Reply to Office Action of June 11, 2003

- (4) The undersigned does not disclaim any terminal part of any patent granted on the Present Application prior to the expiration date of the full statutory term of U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 in the event that U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, or otherwise expires or is terminated prior to the expiration of its full statutory term, except for the separation of legal title stated above.
- (5) Please charge \$110.00 to our Deposit Account No. 04-1512. If this estimate is incorrect, please charge or credit our account accordingly. Two duplicate copies of this sheet are enclosed.

Respectfully submitted,

Dan R. Howard

Registration No. 30,070

Phone: 989-636-7494

P.O. Box 1967 Midland, MI 48641-1967

DRH/ssp

FORM PTO-1599
Rev. 08/28/92

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY			
Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(les): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA	2. Name and address of receiving party(les): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA		
Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.		
3. Nature of conveyance: x Assignment Security Agreement Other	☐ Merger ☐ Change of Name		
Execution Date(s) September 12, 2003			
4. Application Number(s) or Patent Number(s):			
09/943,925 August 31, 2001			
If this document is being filed together with a new application, the execution date of the application is: Additional Application Number(s) or Patent Number(s) are attached.			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account 8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly. 		
DO NOT USE THIS SPACE			
9. Statement and signature: To the best of my knowledge and belief, the foregoing info of the original document.	rmation is true and correct and any attached copy is a true copy		
Dated: September 15, 2003	Crystal 8. Rohde Office Professional		
44,653A US	(989) 636-1954		

Total number of pages including attachments: 5

CASE NO.44653A/ssp

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 mumber.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number. FORM 440

ASSIGNMENT

(with Priority Rights)
and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Robert J. Donald, 5503 Winchester Court, Midland, Michigan 48642, United States of America; Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642 United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 Uraited States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642, United States of America; Rajen M. Patel, 114 Scarlet Oak, Lake Jackson, Texas 77566, United States of America; Calvin P. E sneault, 14776 Colonel Allen Court, Baton Rouge, Louisiana 70816; United States of America; Laura M. Phipps, HCR 3 Box 338A, Rochelle, Virginia 22738, United States of America; James E. Pate, III, 933 W. Walter Road, Sanford, Michigan 48657, United States of America

of an invention relating to and entitled:

COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 09/943,925 and Filing Date_ August 31, 2001 United States of America of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries, and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the Corresponding Application No. and Filing Date of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given. Subscribed and Sworn by us at 4 Midland, Michigan 48674, USA extember 20 03 THE DOW CHEMICAL COMPANY CORP. SEAL MICHAEL L. GLENN

Authorized Representative

Attach Notarial Certificate (Corporation)

CASE NO.44653A/ssp

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Notatial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland	
before me, MICHAEL L. GLENN, Aut known or identified to me to be the individuand acknowledged the same as a free act an	horized Representative, all described in and who executed the foregoing document deed for uses and purposes therein expressed by authority he laws of the State of Delaware, United States of
I further certify that said authority, dated Fe	ebruary 13, 2003, is based on
A Resolution of the Board of Directors of	f the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heritier Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

CASE NO. 44653A/ssp

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. **FORM 660**

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: September 12, 2003

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA
this 12	day of Seprender, 2003
COR	DOW GLOBAL TECHNOLOGIES INC.
SEAI	By: Mys North
	PHILIP D. SHEPHERD
	President

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)			
STATE OF MICHIGAN) SS			
County/Parish of Midland)			
County/Parish of Midland On this			
before me, PHILIP D. SHEPHERD, President,			
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.			
I further certify that said authority, dated February 11, 2002, is based on			

an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2008

DOW CASE NO. 44,653A

16/ 46

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

atMidland, Michigan	48674, USA		
this 15 th day of	September	20 <u>03</u>	
	Office	tal S. Rohde Professional HEMICAL COMPANY	
· ·	ac.		
NOTAR	IAL CERTI	FICATE	
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland On this day of appeared before me,) SS)	20 <u>03</u> , personally	
	Crystal S. Roho	le	
known or identified to me to be the individual who executed the foregoing documer and acknowledged the same as a free act and deed for uses and purposes therein expressed.			
SEAL	Notary Public No My C	Abby Doyle Mary Public, Saginaw County, Michigan Acting in Midland County, Michigan Ommission Expires September 27, 2005	

FORM PTO-1595 RECORDATION FORM COVER SHEET Patent and Trademark Office PATENTS ONLY				
Assistant Commissioner for Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.			
1. Name of conveying party(les): Robert J. Donald Calvin P. Esneault Jerry L. Hahnfeld Laura M. Phipps Gary D. Parsons James E. Pate, III Stephen F. Hahn Rajen M. Patel	2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA			
☐ Additional name(s) of conveying party(les) is attached.	Additional name(s) & address(es) are attached.			
3. Nature of conveyance: x Assignment Security Agreement Other Execution Date(s) October 12, 18, 25, N	☐ Merger ☐ Change of Name Ovember 6, 15, 26, December 3, 2001			
Effective as of August				
Application Number(s) or Patent Number(s):				
09/943,925 August 31, 2001	· ·			
If this document is being filed together with a new application, the execution date of the application is: Additional Application Number(s) or Patent Number(s) are attached.				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1			
The Dow Chemical Company Intellectual Property P. O. Box 1967	7. Total fee (37 CFR 3.41) \$40.00 Enclosed Please deduct the above fee from our Deposit Account			
Midland, Michigan 48641-1967 United States of America	Deposit Account <u>04-1512</u> . If this estimate is incorrect, please debit or credit our account accordingly.			
DO NOT USE THIS SPACE				
 Statement and signature: To the best of my knowledge and belief, the foregoing info of the original document. 	ermation is true and correct and any attached copy is a true copy			
Dated: September 15, 2003	Crystal S. Rohde			
44,653A US	Office Professional (989) 636-1954			

Total number of pages including attachments: 10

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/D

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 44653A css

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS THEREOF

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

> THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

	a corporation organized and existing under the laws of the State of DELAWARE, U.S.A.				
(1	(hereinafter referred to as the "Assignee");				
n	my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications,				
	including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or				
	nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all				
			nternational Convention(s) and Treaties in the name of Assignee, and		
d	do hereby authorize Assignee or its designee to insert here the				
	pplication No. <u>09/</u>		Filing Date August 31, 2001		
		ed States of America			
			; and in and to any Letters Patent that may be issued for the		
			st Assignee in the prosecution of the application(s) and in any		
			nvolving the invention or the patent or patents thereon, and to		
			cations derived from, corresponding to or equivalent to the above		
			eby authorize Assignee or its designee (or nominee(s)) to insert here		
	ny corresponding a	<u>equivaleni</u> Filing	Data		
	ppucauon No 1 country	Fiting	Date		
		n application of any accepts where that acc	untry's patent property must be identified and entered hereinabove		
			designee to translate this Assignment into all languages necessary;		
			ee; and consent to the recordal of this Assignment, or a Notarial True		
			power to make the same, but also that such assigned rights are not		
		grant, license, or other right heretofore give			
	nd Declared by me/				
	•				
	At MIDLAND	MICHIGAN 48674 USA	At: MIDLAND, MICHIGAN 48674 USA		
	this La Laday o	of David 2001	this Briday of Detober 2001		
	Effective as of A	menst 31, 2001	Effective as of August 31, 2001		
	Effective as of August 31, 2001				
	Signature:	00	Signature Liky L Habylelal		
	Full Name:	Robert J. Donald	Full Name: Jeffy L. Hahnfeld		
	Residence:	5503 Winchester Court	Residence: 920 Scenic Drive		
		Midland, Michigan 48642	Midland, Michigan 48642		
	Country:	United States of America	Country: United States of America		
	Citizenship:	United States of America	Citizenship: United States of America		
	P. O. Address:	Same as Residence	P. O. Address: Same as Residence		
	Employed By:	The Dow Chemical Company	Employed By: The Dow Chemical Company		
		* *			
	Of Country:	United States of America	Of Country: United States of America		
		<u> </u>			
	At: MIDLAND	MICHIGAN 48674 USA	At: MIDLAND, MICHIGAN 48674 USA		
		of November 2001	this day of october 2001		
	Effective as of	Aggust 31, 2001	Effective as of August 31, 2001		
	1 1/	ough Parone	Signature:		
	Signature:	aux larous			
	Full Name:	Gary D. Parsons	Full Name: Stephen F Hahn		
	Residence:	5016 Redfern Circle	Residence: 4302 James Drive		
		Midland, Michigan 48642	Midland, Michigan 48642		
	Country:	United States of America	Country: United States of America		
	Citizenship:	United States of America	Citizenship: United States of America		
	P. O. Address:	Same as Residence	P. O. Address: Same as Residence		
	Employed By:	The Dow Chemical Company	Employed By: The Dow Chemical Company		
	Of Country:	United States of America	Of Country: United States of America		

(X) Additional names and signatures are attached.

This Assignment 113 is in the ENGLISH language and has the same meaning in other languages with the same 113 number and R/Date

FORM 113

Page two of two

Docket Ref. 44653A css

Additional names, addresses and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: FREEPORT, TEXAS //541 USA	this 26 day of November 200
this 25 day of october 2001	Effective as of August 31, 2001
Effective as of August 31, 2001	
Signature Quieuntel	Signature: (alvin PEsro aut)
Digitatoro	Full Name: Calvin P. Esneault
Full Name: Rajen M. Patel	
Residence: 114 Scarlet Oak	
Lake Jackson, Texas 77566	Baton Rouge, Louisiana 70816
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
or contag.	
At: Freepart Texas 77541 45A this 15 day of November 2001	
At: Treeplat [CRAS 11311 VISI	At: MIDLAND, MICHIGAN 48674, USA
this 5 day of Nyu MOCI 20 v 1	this 3 day of Accession 2018
Effective as of August 31, 2001	Effective as of August 31, 2001
D(h)	Directive as of August 51, 2001
Signature: Taa VM	Signature: Signature:
Full Name: Laura M. Phipps //0	77
Residence: HCR 3 Box 338A	· · · · · · · · · · · · · · · · · · ·
Rochelle, Virginia 22738	• • • • • • • • • • • • • • • • • • • •
Country: United States of America	Sanford, Michigan 48657
Citizenship: United States of America	Country: United States of America
P. O. Address: Same as Residence	Citizenship: United States of America
Employed By: The Dow Chemical Company*	P. O. Address: Same as Residence
Of Country: United States of America	Employed By: The Dow Chemical Company
Of Country. Office States of America	Of Country: United States of America
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A+-	v.
At:this day of 20	At:
this day of 20	At: day of 20
•	
Signature:	Signature:
Full Name:	Fuli Name:
Residence;	·
	Residence:
Country:	_
Citizenship:	Counters
	Country:
	Citizenship;
P. O. Address:	
P. O. Address: Employed By:	Citizenship;
P. O. Address: Employed By:	Citizenship: P. O. Address: Employed By:
P. O. Address: Employed By:	Citizenship; P. O. Address:
P. O. Address: Employed By:	Citizenship: P. O. Address: Employed By:
P. O. Address: Employed By:	Citizenship: P. O. Address: Employed By:
P. O. Address: Employed By: Of Country:	Citizenship: P. O. Address: Employed By: Of Country:
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P. O. Address: Employed By: Of Country: At:	Citizenship: P. O. Address: Employed By: Of Country:
P. O. Address: Employed By: Of Country:	Citizenship: P. O. Address: Employed By: Of Country: At: thisday of20 Signature:
P. O. Address: Employed By: Of Country: At: this day of 20 Signature:	Citizenship: P. O. Address: Employed By: Of Country: At: thisday of20 Signature:
P. O. Address: Employed By; Of Country: At:	Citizenship: P. O. Address: Employed By: Of Country: At: this
P. O. Address: Employed By: Of Country: At: this day of 20 Signature:	Citizenship: P. O. Address: Employed By: Of Country: At: thisday of20 Signature:
P. O. Address: Employed By: Of Country: At: this day of 20 Signature: Full Name: Residence:	Citizenship: P. O. Address: Employed By: Of Country: At: this
P. O. Address: Employed By: Of Country: At:	Citizenship: P. O. Address: Employed By: Of Country: At: thisday of20 Signature: Full Name: Residence: Country:
P. O. Address: Employed By: Of Country: At: this day of Signature: Full Name: Residence: Country: Citizenship:	Citizenship: P. O. Address: Employed By: Of Country: At: this
P. O. Address: Employed By: Of Country: At:	Citizenship: P. O. Address: Employed By: Of Country: At: this
P. O. Address: Employed By: Of Country: At:	Citizenship; P. O. Address: Employed By: Of Country: At: thisday of20 Signature: Full Name: Residence: Country: Citizenship:
P. O. Address: Employed By: Of Country: At:	Citizenship; P. O. Address: Employed By: Of Country: At: this day of 20 Signature: Full Name: Residence: Country: Citizenship: P. O. Address:

FORM 220

Docket Ref. 44653A css

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)	SS	
On this 25th day of 0ctobe before me,	en		, 20 <u>0(</u> , personally appeared

Rajen M. Patel

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



FORM 222

Docket Ref. 44653A css

NOTARI	AL CERTIFICA	TE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland) SS)	
On thise day of before me,		, 20 <u>C\</u> , personally appeared
		scribed in and who executed the as a free act and deed for uses and
-		Carla & Damuel
SEAL	•	Notary Public Carla S. Samuel Notary Public, Bay County, Michigan Acting in Midland County, Michigan My Commission Expires October 10, 2005
NOTAR	IAL CERTIFICA	TE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland) SS)	
On this day of		, 20_0/, personally appeared
Jerry L. Hahnfeld known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.		
		Rese allen
SEAL		Notary Public
NOTAR	IAL CERTIFICA	RENEE ALLEN NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 24, 2002 TE (INDIVIDUAL)
UNITED STATES OF AMERIC STATE OF MICHIGAN County/Parish of Midland	A)) SS)	
On this day of before me,		, 20 <u>O\</u> , personally appeared
		scribed in and who executed the as a free act and deed for uses and
		Carla & Samuel
SEAL		Notary Public
cari		ent e e e

Carla S. Samuel

Notary Public, Bay County, Michigan
Acting in Midland County, Michigan
My Commission Expires October 10, 2005

This Assignment 221 is in the ENGLISH language and has the same meaning in other languages with the same 221 number and R/Date.

1221 ### 1221

FORM 221

Docket Ref. 44653A css

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this 12 day of October me,	, 20 <u>0 /</u> , personally appeared
Stephen F. I	Tahn
known or identified to me to be the individual descriptoregoing document and acknowledged the same as purposes therein expressed.	
SEAL	Carla I Samuel Notary Public
NOTARIAL CERTIFICA	Carla S. Samuel Notary Public, Bay County, Michigan Acting in Midland County, Michigan My Commission Expires October 10, 2005
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this 3 day of December before me,	20 <u>01</u> , personally appeared
James E. Pat	e, III
known or identified to me to be the individual descriptoregoing document and acknowledged the same as purposes therein expressed.	
	Coula & Samuel
SEAL	Notary Public
Con	_

Carla S. Samuel
Notary Public, Bay County, Michigan
Acting in Midland County, Michigan
My Commission Expires October 10, 2005

FORM 220

Docket Ref. 44653A css

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)		
On this 15^{+1} day of 15^{+1} before me,	nho	_, 20 <u>0</u> \ , personally appear	ed

Laura M. Phipps

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Stay & Janus

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 mamber and R/Date.

120 #### 120 #### 120 ### 120 ### 120 ### 120 ### 120 ### 120

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date

FORM 220

Docket Ref. 44653A css

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF LOUISIANA County/Parish of Iberville) SS	
On this $\frac{26}{2}$ day of $\frac{26}{2}$ before me,	rember	, 20 <u>01</u> , personally appeared
	Calvin P.	Esneault

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Notary Public SHANNON E. WHISENAND, NOTARY PUBLIC State of Louisiana, Parish of Iberville My Commission is for Life.

CASE NO. 44653A/ssp

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: November 19, 2001; Defober 19, 2001; November 24, 2001; November 2

of the invention entitled:

COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed	i at	Midland, Michigan 48674, USA	
this	12	day of September 2003	
		THE DOW CHEMICAL COMPANY	
	CORP.	1 A A 2 O a .	
	SEAL	By: Michael & Ilan	
		MICHAEL L. GLENN	
		Authorized Representative	

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland ()
County/Parish of Midland On this 12 day of September, 2003, personally appeared
before me, MICHAEL L. GLENN, Authorized Representative,
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.
I further certify that said authority, dated February 13, 2003, is based on
an authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier
Notary Public, Bay County, Michigan

Acting in Midland County

Ny Commission Expires December 03, 2006

DOW CASE NO. 44,653A

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48 674, USA	
this 15 th day of <u>September</u> 20 <u>03</u>	
Crystal S. Rohde Office Professional THE DOW CHEMICAL COMPANY	
NOTARIAL CERTIFICATE	
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this 15 th day of <u>September</u> 20 <u>03</u> , personally appeared before me,	
Crystal S. Rohde	
known or identified to me to be the individual who executed the foregoing docum and acknowledged the same as a free act and deed for uses and purposes there expressed.	
SEAL Notary Public Abby Doyle Notary Public, Saginaw County, Michigan Acting in Midland County, Michigan My Commission Expires September 27, 2005	

C-

44,653A

Received in the U.S. Patent and Trademark Office:

Assignments

Applicant:

Robert J. Donald

Serial No.:

09/943,925

Filed:

August 31, 2001

Title:

COMPOSITIONS COMRPISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

Mailed by SSP/csr

,		
	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office TS ONLY	
Assistant Commissioner for Patents and Trademarks: Pi	ease record the attached original documents or copy thereof.	
1. Name of conveying party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA	 Name and address of receiving party(ies): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA 	
Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.	
3. Nature of conveyance: x Assignment Security Agreement Other	☐ Merger ☐ Change of Name	
Execution Date(s) September 12, 2003		
4. Application Number(s) or Patent Number(s):		
60/184,281 February 23, 2000 09/568,688 May 11, 2000		
If this document is being filed together with a new application, the execution date of the application is: Additional Application Number(s) or Patent Number(s) are attached.		
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1	
The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 7. Total fee (37 CFR 3.41) \$80.00 Enclosed Please deduct the above fee from our Deposit Account 8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly. 	
אַנ דמא סַם	SE THIS SPACE	

Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

of the original document.

Dated: September 15, 2003

60,009 US

Crystal S. Rohde Office Professional (989) 636-1954

Total number of pages including attachments: 6

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages w ith the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: MARCH 15, 2000; March 8, 2000; March 1

From, the ASSIGNOR: Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America; Mary Ann Jones, 34 Greenlawn Drive, Midland, Michigan 48640, United States of America

of the invention entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA
this 12	day of September 2003
	THE DOW CHEMICAL COMPANY
CORP	
SEAL	By: Michael of Eller
•	MICHAEL L. GLENN
	Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS	
County/Parish of Midland)	
On this	ment thority
I further certify that said authority, dated February 13, 2003, is based on	

an authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier Notary Public, Bay County, Michigan

Acting in Midland County

Wy Commission Expires December 03, 2006

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number. FORM 440

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY 2030 Dow Center

Midland, Michigan 48674 UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America; Mary Ann Jones, 34 Greenlawn Drive, Midland, Michigan 48640, United States of America

of an invention relating to and entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

UNITED STATES OF AMERICA
a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, tit and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 60/184,281 and Filing Date February 23, 2000
in <u>United States of America</u> of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in
any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the Corresponding Application No. 09/568,688 and Filing Date May 11, 2000 in the United States of America of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; an we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consert to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.
Subscribed and Sworn by us at Midland, Michigan 48674, USA
this 12 day of September, 2003
THE DOW CHEMICAL COMPANY
CORP. SEAL By: Michael J. Glenn
MÏCHAEL L. ĞLENN
Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

◆550 ★ 550

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMER	ICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
before me, MICHAEL L. GLENI known or identified to me to be the is and acknowledged the same as a free	Authorized Representative, adividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed by authorituader the laws of the State of Delaware, United States of
I further certify that said authority, d	ated February 13, 2003, is based on
A Resolution of the Board of Direc	tors of the said Corporation,
foregoing document on behalf of the	d individual Attorney-in-fact with full power to sign the said corporation and that the purposes for which said document in bjects or activities of said corporation.
	an Heiter
SEAL	Notary Public

Ann Heritier

Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

◆660 ◆ 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. **FORM 660**

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: September 12, 2003

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA
this 12	day of Jenney , 20 03
	DOW GLOBAL TECHNOLOGIES INC.
CORI SEAL	·
223 8	By: Ship North
	PHILIP D. SHEPHERD
	President

NOTARIAL CERTIFICATE (Corporation)

(= 1 - F () () ()
UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this 12 day of september, 2003, personally appeared
before me, PHILIP D. SHEPHERD, President,
known or identified to me to be the individual described in and who executed the foregoing document
and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.
I further certify that said authority, dated February 11, 2002, is based on

an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006

DOW CASE NO. 60,009

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at <u>Midland, Michigan 48674.</u>	USA
this day ofSepte	ember 20 <u>03</u>
THE	Crystal S. Rohde Office Professional DOW CHEMICAL COMPANY
NOTARIAL (CERTIFICATE
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this15 th day of <u>Septem</u> appeared before me,	ber 20 <u>03</u> , personally
Crysta	S. Rohde
known or identified to me to be the indivi- and acknowledged the same as a free ac expressed.	dual who executed the foregoing document of and deed for uses and purposes therein
SEAL	Notary Public Abby Doyle Notary Public, Saginaw County, Michigan Acting In Midland County, Michigan My Commission Expires September 27, 2005

		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office TS ONLY
	Assistant Commissioner for Patents and Trademarks; P	ease record the attached original documents or copy thereof.
20: Mid	Name of conveying party(les): IE DOW CHEMICAL COMPANY 30 Dow Center dland, Michigan 48674 IITED STATES OF AMERICA	2. Name and address of receiving party(les): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA
	Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.
3.	Nature of conveyance: x Assignment Security Agreement Other Execution Date(s) September 12, 2003	☐ Merger ☐ Change of Name
4.	Application Number(s) or Patent Number(s):	
	60/139,073 June 11, 1999 09/568,688 May 11, 2000	
	If this document is being filed together with a new app	olication, the execution date of the application is: (s) or Patent Number(s) are attached.
5.	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
	The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 7. Total fee (37 CFR 3.41) \$80.00 ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account 8. Deposit Account <u>04-1512</u>. If this estimate is incorred, please debit or credit our account accordingly.
DO NOT USE THIS SPACE		
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Date	d: September 15, 2003	Crystal S. Rohde
60,0	009 US	Office Professional (989) 636-1954

Total number of pages including attachments: 6

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number. FORM 440

ASSIGNMENT

(with Priority Rights) and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America; Mary Ann Jones, 34 Greenlawn Drive, Midland, Michigan 48640, United States of America

of an invention relating to and entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

and interest throughout the work own name, or in the name of its	sting under the laws of the State of Delaware, United States of America our entire right, titl, in and to the invention and all rights and powers to make application for Letters Patent in its cominee; and all rights and powers to file any reissue, divisional, continuing or substitute applications in any and all countries, including all rights to claim priority under all
	eaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
Priority Number	
in United States of Am	
	riority will be based; and in and to any Letters Patent that may be issued for said invention in hereby agree to assist said Assignee in the prosecution of the said applications and in any
	or litigation which may arise involving said invention or the patent or patents thereon, and to
	ontinuing or substitute application and assent to their making any applications in other
	ove and below specifically identified application, as may be requested by said Assignee; and
we do hereby authorize said Assi	gnee to insert here the
	09/568,688 and Filing Date May 11, 2000
	ites of America
we do hereby authorize and requ to the recordal of this Assignment	in any country where that patent property must be entered for recordal of this Assignment; and est that any such Letters Patent be issued to said Assignee in accordance herewith, and consent being under covenant, not only that we have full power to make the same, but also that such ed by any grant, license, or other right heretofore given.
Subscribed and Sworn by us at	Midland, Michigan 48674, USA
this 12 day of 1	ptemble 2003
000	THE DOW CHEMICAL COMPANY
CORP. SEAL	By Michael & Glam
	MICHAEL L. GLENN
	Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

●550 ÷ 550 ● 550

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this day of
I further certify that said authority, dated February 13, 2003, is based on
A Resolution of the Board of Directors of the said Corporation,
which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document granted are within the scope of the objects or activities of said corporation.
ann Heritier

Notary Public

This Assignee Acceptance 660 is in the ENGLISH language and has the same rocating in other languages with the sarrie 660 number.

●660 ♦ 660 ●

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the scame 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: June 14, 1999; June 15, 1999

Jerry L. Hahmfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of From, the ASSIGNOR: America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America; Mary Ann Jones, 34 Greenlawn Drive, Midland, Michigan 48640, United States of America

of the invention entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA
this /2	day of September, 2003
•	THE DOW CHEMICAL COMPANY
COR	P
SEAI	
	By: MICHAEL L. GLENN
	Authorized Representative

NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 12 day of <u>September</u> , 2003, personally appeared before me, MICHAEL L. GLENN, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.
I further certify that said authority, dated February 13, 2003, is based on
an authorization Policy of the said Corporation,
which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is

granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County

My Commission Expires December 03, 2006

This Assignee Acceptance 660 is in the SNGLISH language and has the same meaning in other languages with the same 660 number.

This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: September 12,2003

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA	
this 12 d	lay of <u>SEPREMBER</u> , 20 <u>03</u>	1
CORP. SEAL	DOW GLOBAL TECHNOLOGIES INC. By: May Define	
	PHILIP D. SHEPHERD President	

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)	
STATE OF MICHIGAN) SS	
County/Parish of Midland	
On this 12 day of September , 2003 , personally ap	peared
before me, PHILIP D. SHEPHERD, President,	
known or identified to me to be the individual described in and who executed the foregoing and acknowledged the same as a free act and deed for uses and purposes therein expressed be of the said corporation incorporated under the laws of the State of Delaware, United State America.	y authority
I further certify that said authority, dated February 11, 2002, is based on	

an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006

DOW CASE NO. 60,009

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

original about tentia) without that be beinput but		
atMidland, Michigan 48674, USA		
this 15 th day of <u>September</u> 2003		
Crystal S. Rohde Crystal S. Rohde Office Professional THE DOW CHEMICAL COMPANY		
NOTARIAL CERTIFICATE		
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)		
On this 15 th day of <u>September</u> 20 <u>03</u> , personally appeared before me,		
Crystal S. Rohde		
known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.		
SEAL Notary Public Abby Doyle		

Notary Public, Saginaw County, Michigan Acting In Midland County, Michigan My Commission Expires September 27, 2005

C-

60,009

Received in the U.S. Patent and Trademark Office:

Assignment

Applicant:

Jerry L. Hahnfeld

Serial No.:

09/568,688

Filed:

05/11/2000

Title:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL

MEDIA DISCS PRODUCED THEREFROM

Mailed by SSP/csr

	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office TS ONLY
Assistant Commissioner for Patents and Trademarks: Pic	ease record the attached original documents or copy thereof.
1. Name of conveying party(les): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA	2. Name and address of receiving party(les): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA
☐ Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.
3. Nature of conveyance: x Assignment Security Agreement Other Execution Date(s) September 12, 2003	☐ Merger ☐ Change of Name
Execution bale(s) Gepternber 12, 2000	
4. Application Number(s) or Patent Number(s): 60/184,282 February 23, 2000 09/583,792 May 31, 2000 If this document is being filed together with a new app	olication, the execution date of the application is: (s) or Patent Number(s) are attached.
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 7. Total fee (37 CFR 3.41) \$80.00 ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account 8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.
DO NOT US	E THIS SPACE
9. Statement and signature: To the best of my knowledge and belief, the foregoing info of the original document.	ormation is true and correct and any attached copy is a true copy
Dated: September 15, 2003	Crystal S. Rohde Office Professional
60,061 US	(989) 636-1954

Total number of pages including attachments: 5

CASE NO. 60061/ssp

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 trumber. FORM 440

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America

of an invention relating to and entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

and interest throughout the wor	isting under the laws of the State of Delaware, United States of America our entire right, title d, in and to the invention and all rights and powers to make application for Letters Patent in its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute ag applications in any and all countries, including all rights to claim priority under all
International Conventions and	reaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
	2 and Filing Date February 23, 2000
in United States of A	
any and all countries; and we dinterference, conflict, opposition execute any reissue, divisional, countries corresponding to the we do hereby authorize said As Corresponding Application No in the United Start of the corresponding application we do hereby authorize and rect to the recordal of this Assignm	09/583,792 and Filing Date <u>May 31, 2000</u>
Subscribed and Sworn by us at	Midland, Michigan 48674, USA
this 12 day of V	
•	THE DOW CHEMICAL COMPANY
CORP. SEAL	By: Michael & Glam.
·	MICHAEL L. GLENN
	Authorized Representative

Attach Notarial Certificate (Corporation)

CASE NO. 60061/ssp

This Notarial Certificate 550 is in the ENQLISH language and has the same meaning in other languages with the same 550 number.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AM	ERICA)	
STATE OF MICHIGAN) SS	
County/Parish of Midland)	
before me, MICHAEL L. GLI known or identified to me to be the and acknowledged the same as a	ENN, Authorized Representative, ne individual described in and who effree act and deed for uses and purposed under the laws of the State of D	executed the foregoing document oses therein expressed by authority
I further certify that said authority	y, dated February 13, 2003, is base	d on
A Resolution of the Board of D	irectors of the said Corporation,	
foregoing document on behalf of	e said individual Attorney-in-fact we the said corporation and that the pure se objects or activities of said corpor	rposes for which said document is
	Con Heritie	v.
SEAL	Notary Public	(X)

Ann Heritier
Notary Public. Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

CASE NO. 60061/ssp

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

\$660 € 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: September 12, 2003

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland,	Michigan 48674, USA	
this 12 day of	SEPTENION, 20 03	
	DOW GLOBAL TECHNOLOGIES INC.	
CORP.		
SEAL	De Millo Ahl O	
	PHILIP D. SHEPHERD	
	President	

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)	-	
STATE OF MICHIGAN) SS		
County/Parish of Midland ()		
On this 12 day of September, 2003, personally app	peared	l
before me, PHILIP D. SHEPHERD, President,		
known or identified to me to be the individual described in and who executed the foregoing d	locume	nt
and acknowledged the same as a free act and deed for uses and purposes therein expressed by		
of the said corporation incorporated under the laws of the State of Delaware, United States		
America.	-	
T.C. (1		
I further certify that said authority, dated February 11, 2002, is based on		

an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006

DOW CASE NO. 60,061

TRUE COPY

at Midland, Michigan 48674, USA

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

triis 15 day 01 <u>September</u> 2003
Crystal S. Rohde Office Professional THE DOW CHEMICAL COMPANY
NOTARIAL CERTIFICATE
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this <u>15th</u> day of <u>September</u> 20 <u>03</u> , personally appeared before me,
Crystal S. Rohde
known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
SEAL Notary Public Notary Public, Saginaw County, Michigan Acting in Midland County, Michigan My Commission Expires September 27, 2005

C-

60,061

Received in the U.S. Patent and Trademark Office:

Assignment

Applicant:

Jerry L. Hahnfeld

Serial No.:

09/583,792

Filed:

May 31, 2000

Title:

HYDROGENATED BLOCK COPOLYMERS AND OPTICAL

MEDIA DISCS PRODUCED THEREFROM

Mailed by SSP/csr